

I am a registered Professional Engineer, have a BSEE in communications and hold an Extra Class Amateur Radio license. I urge the FCC to reject any application of BPL that would transmit on amateur, marine, aviation, military or international short wave frequencies. Measurements on test systems show unacceptable interference to existing services. Services inside buildings and homes would be severely impacted. Security, lighting, power line control systems would be either destroyed or rendered unusable. A power line is a significant antenna and can deliver 10 to 20 dB of gain (long wire antenna). This is an unworkable system.